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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/621,918	07/16/2003	Suresh K. Batchu	SUN-P030062	2560
32615	7590	04/06/2007		
OSHA LIANG L.L.P./SUN 1221 MCKINNEY, SUITE 2800 HOUSTON, TX 77010			EXAMINER HUSSAIN, TAUQIR	
			ART UNIT	PAPER NUMBER
			2152	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/06/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/621,918

Applicant(s)

BATCHU ET AL.

Examiner

Tauqir Hussain

Art Unit

2152

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 July 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 07/22/2004.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-24 are pending in this application.

Specification Objections

2. Specification is objected to as being contained several blank spaces on page 1.
Appropriate correction is required.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

4. Claim 17-24, are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter e.g. computer readable medium, which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. Appropriate correction is required.

For examination purpose the "Computer readable medium" will be interpret in light of definition in computer dictionary, given that "media the physical material such as paper, disk and tape, used for storing computer-based information.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-6, 9-14 and 17-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Fishman et al. (Pub. No.: US 2002/0103935 A1), hereinafter "Fishman".

7. As to claim 1, 9 and 17 e.g. method, system and computer readable medium, Fishman discloses, implementing response buffering in a portal server, comprising:

receiving a request from a client device for content ([0048, lines 1-3]);

identifying for the type of the client device by processing the request ([0047, lines 8-10]);

buffering the content in accordance with the type of the client device ([0047, lines 1-4], where customizing is formatting data according to device type); and

transmitting the content to the client device in response to request, wherein the content is formatted in accordance with the type of the client device ([0052, lines 1-5], where sending is transmitting and [0047, lines 1-4], where customizing is formatting).

8. As to claim 2, 10 and 18, Fishman discloses, wherein the content is formatted by segmenting the content in accordance with the type of the client device ([0047, lines 6-11]).

9. As to claim 3, 11 and 19, Fishman discloses, wherein buffering the content in accordance with the type of the client device includes buffering the content into a plurality of segments and transmitting the segments to the client device ([0049, lines 6-7], where, text, graphics, markup and multimedia contents are plurality of segments and [0052, lines 1-5], where sending is transmitting).

10. As to claim 4, 12 and 20, Fishman discloses, buffering the content into a plurality of pages, wherein the pages are sized in accordance with the requirements of the client device ([0049, lines 1-21]).

11. As to claim 5, 13 and 21, Fishman discloses, the pages are sized in accordance with a response size constraint of the client device ([0049, lines 6-11], where multimedia files may not be well suited for display on phone or pager means contents are sized according to device type).

12. As to claim 6, 14 and 22, Fishman discloses, controlling access to buffered response content for the client device ([0047, lines 1-3], where customizing is controlling).

Claim Rejections - 35 USC § 103

13. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

14. Claims 7, 8, 15, 16, 23 and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fishman as applied to above to claims 1-6, 9-14 and 17-22, in view of King et al. (Pub. No.: 2004/0203670 A1), hereinafter "King".

15. As to claim 7, 15 and 23 Fishman discloses, the invention substantially as in parent claims 6, 14 and 22. Fishman is silent on, invalidating buffered response content for the client device when a session for the client device ends. However, King discloses, invalidating buffered response content for the client device when a session for the client device ends (King, [0093, lines 10-15], where incompleteness is invalidating the cache).

Therefore, it would have been obvious to combine the teachings of Fishman with the teachings of King in order to reduce delays faced by user of mobile devices due to unavailability of wireless network by improved list processing within mobile devices such that lists can be manipulated without server interaction.

16. As to claim 8, 16 and 24, Fishman and King discloses the invention substantially as in their parent claims 1, 9 and 17, including, buffering the content for the client device by using a cache memory (King, Abstract, lines 12-14).


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tauqir Hussain whose telephone number is 571-272-1247. The examiner can normally be reached on 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on 571 272 3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TH



BUNJOB JAROENCHONWANIT
SUPERVISORY PATENT EXAMINER